

4.2.F. 0604000106 (Hardin Creek).

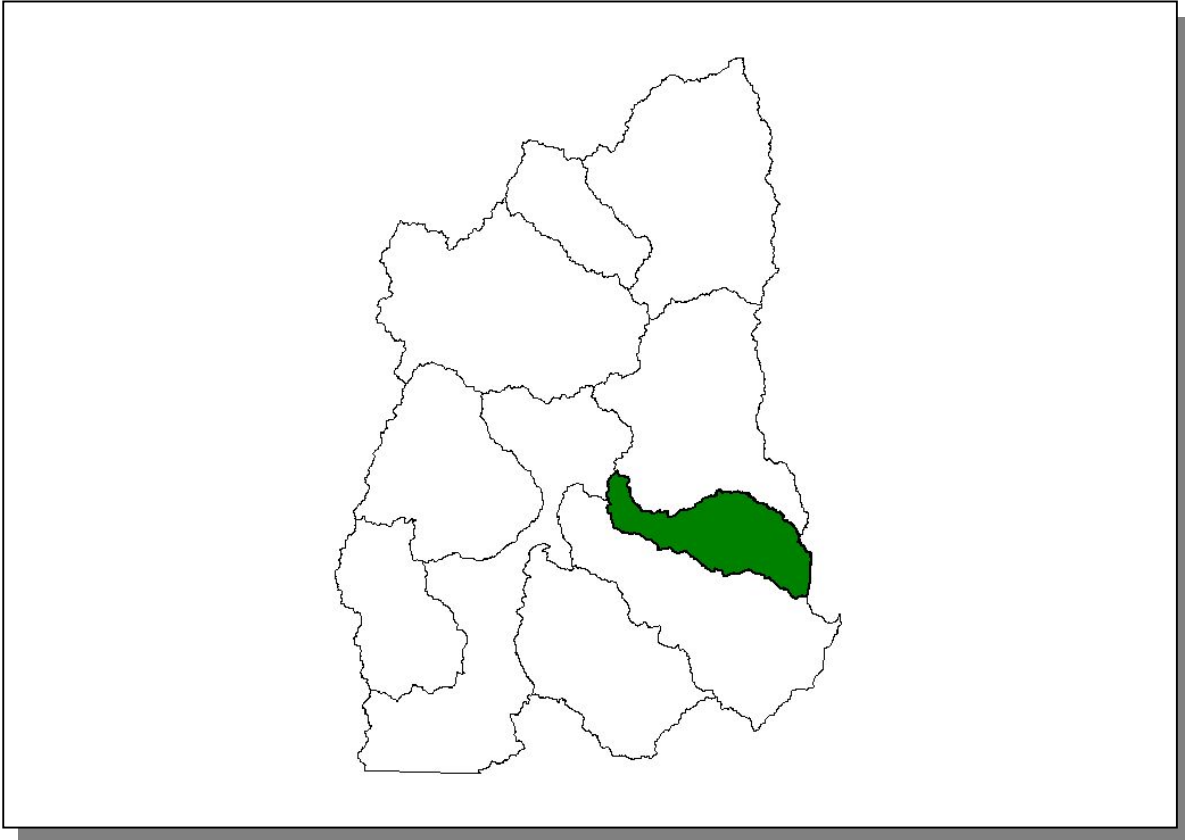


Figure 4-58. Location of Subwatershed 0604000106. All Tennessee Western Valley (Beech River) HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.F.i. General Description.

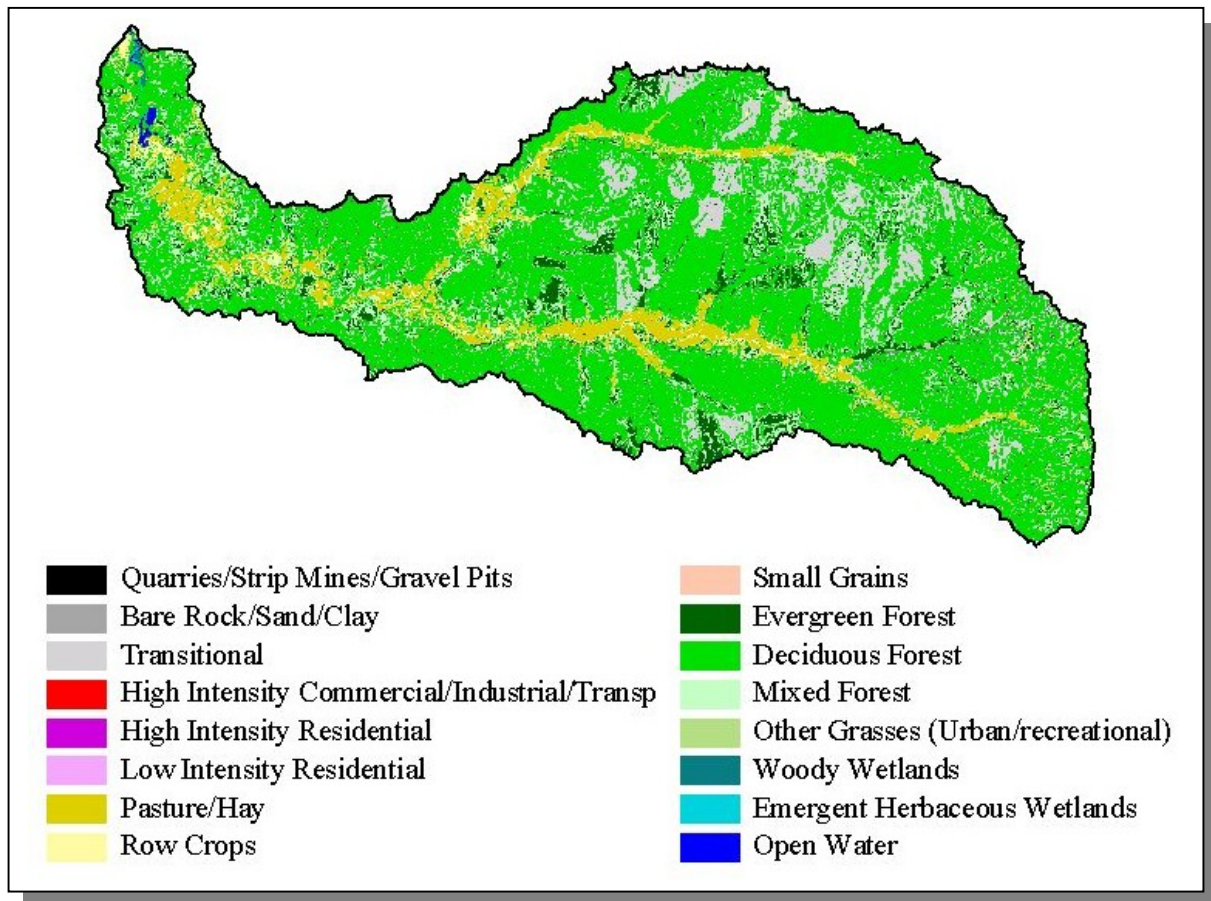


Figure 4-59. Illustration of Land Use Distribution in Subwatershed 0604000106.

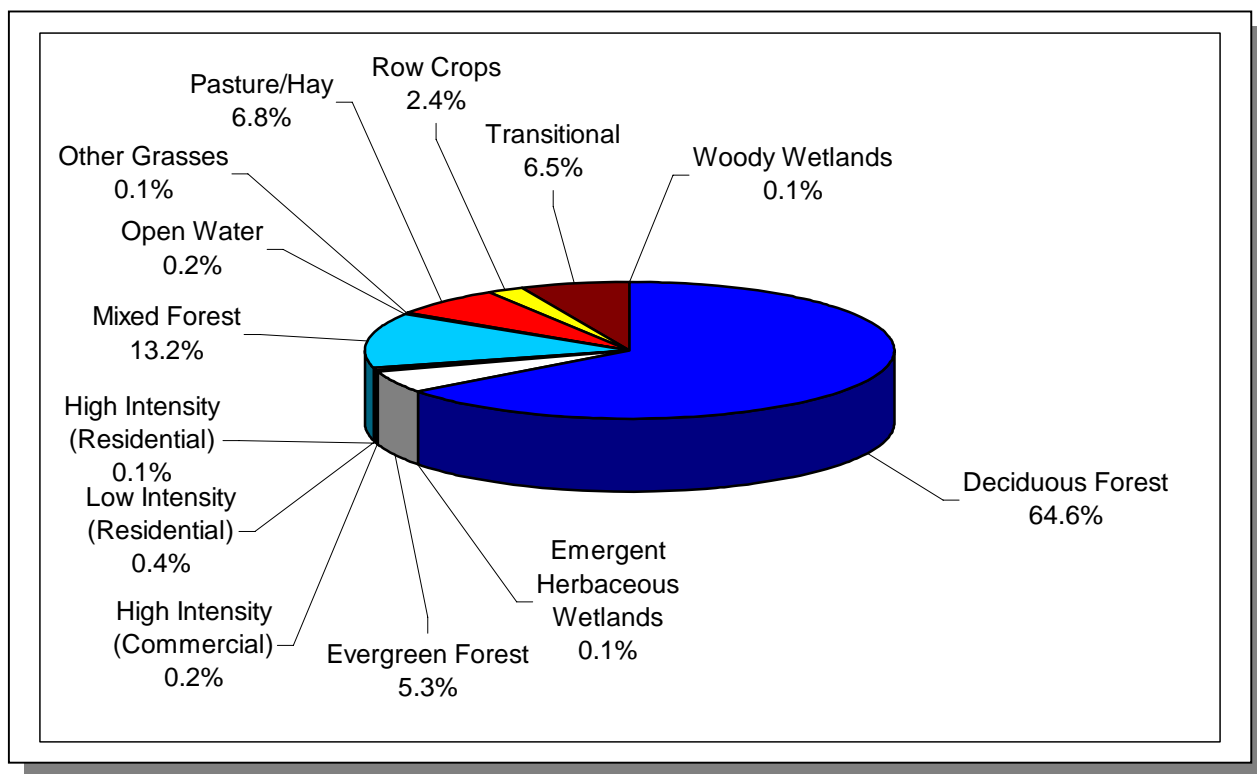


Figure 4-60. Land Use Distribution in Subwatershed 0604000106. More information is provided in Appendix IV.

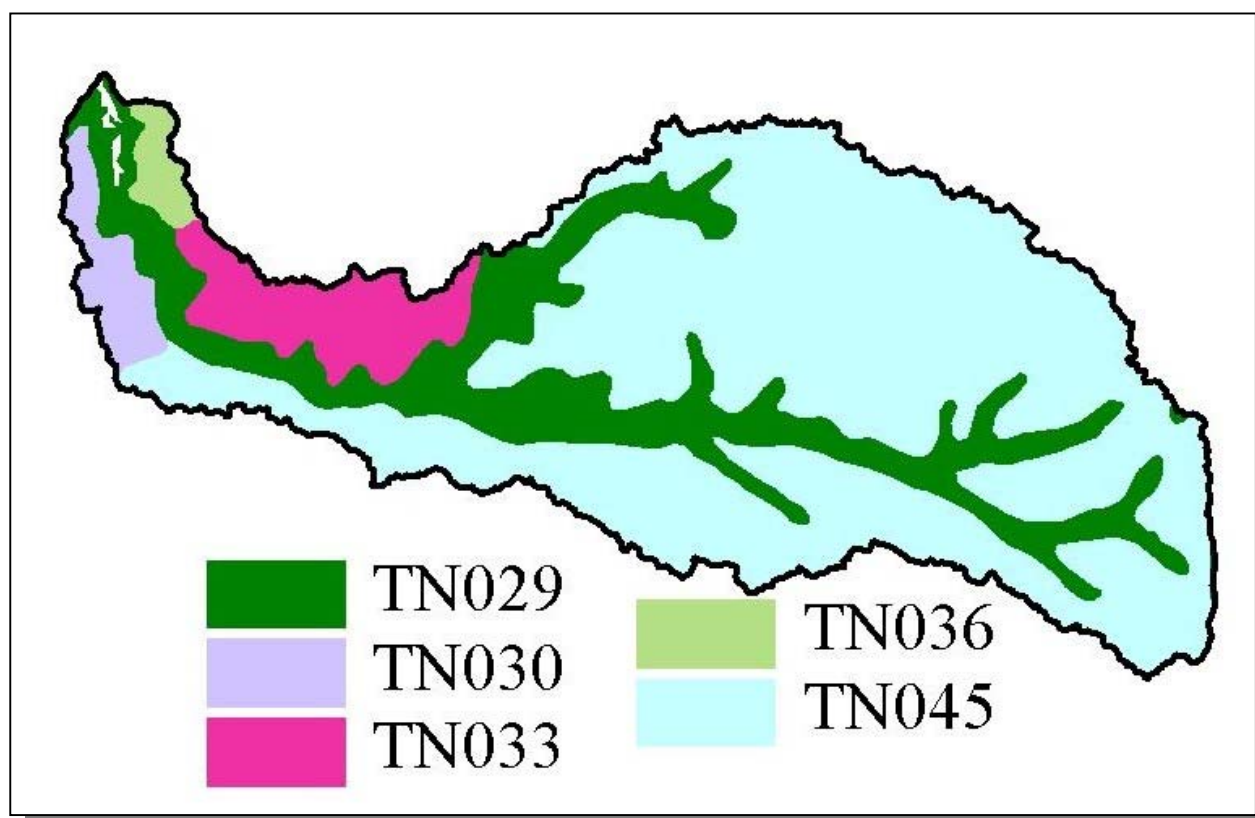


Figure 4-61. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000106.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN029	8.00	C	2.96	5.40	Loam	0.33
TN030	2.00	B	1.84	5.06	Loam	0.33
TN033	0.00	B	2.29	5.32	Loam	0.32
TN036	0.00	C	1.30	5.04	Silty Loam	0.36
TN045	0.00	B	1.95	5.45	Loam	0.35

Table 4-37. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000106. More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Hardin	22,633	24,816	25,578	3.10	701	769	792	13.0
Wayne	13,935	16,498	16,842	10.81	1,506	1,783	1,820	20.8
Totals	36,568	41,314	42,420		2,207	2,552	2,612	18.4

Table 4-38. Population Estimates in Subwatershed 0604000106.

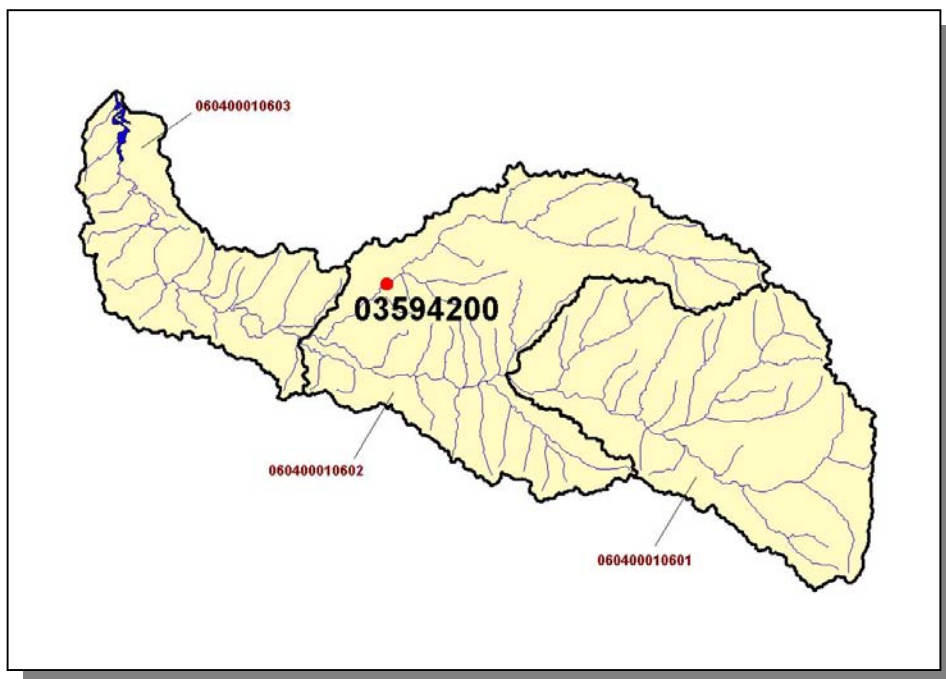


Figure 4-62. Location of Historical Streamflow Data Collection Sites in Subwatershed 0604000106. Subwatershed 060400010601, 060400010602, and 060400010603 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

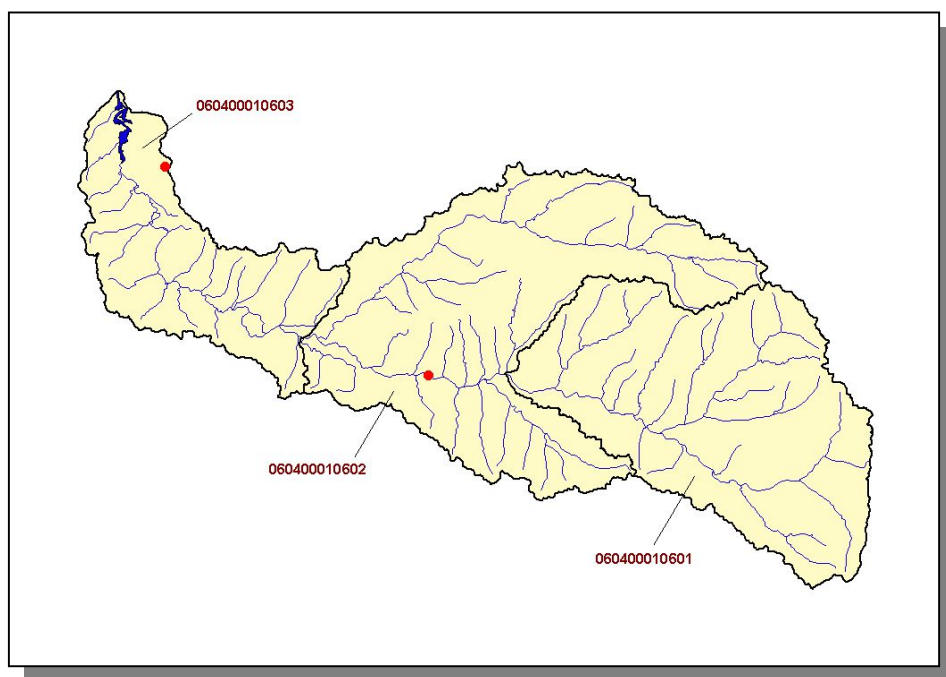


Figure 4-63. Location of STORET Monitoring Sites in Subwatershed 0604000106. Subwatershed 060400010601, 060400010602, and 060400010603 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.F.ii. Point Source Contributions.

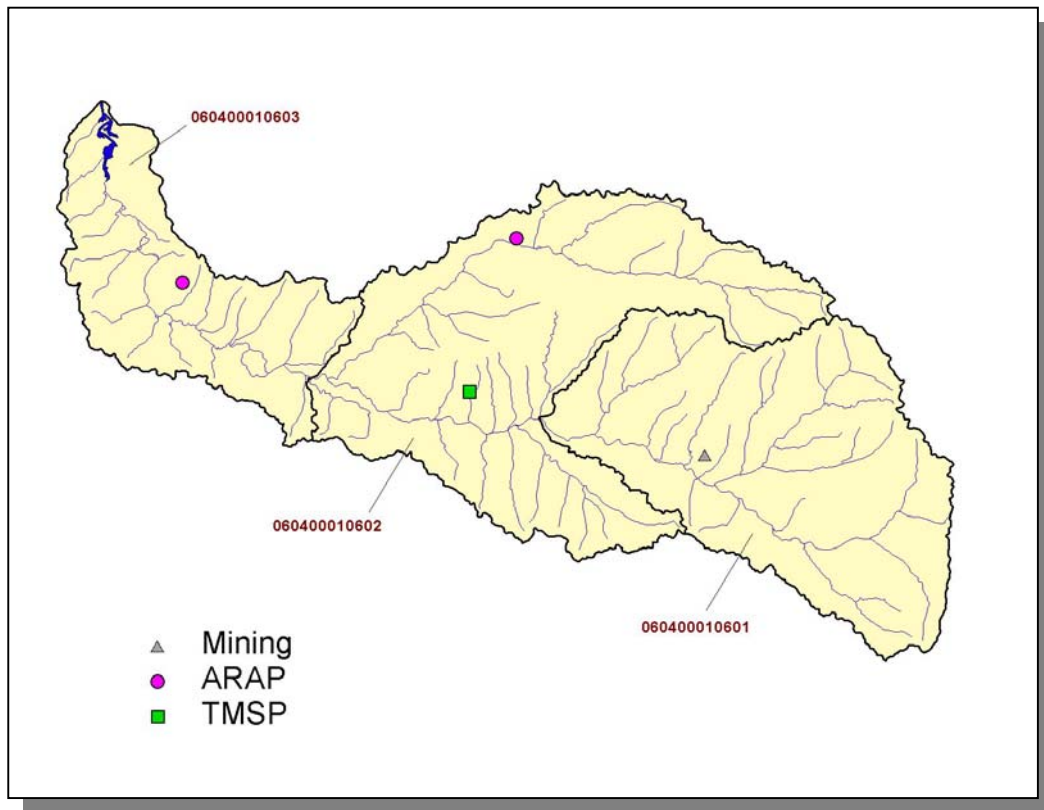


Figure 4-64. Location of Active Point Source Facilities in Subwatershed 0604000106. Subwatershed 060400010601, 060400010602, and 060400010603 boundaries are shown for reference. More information is provided in Appendix IV.



Figure 4-65. Location of Active Mining Facilities in Subwatershed 0604000106. Subwatershed 060400010601, 060400010602, and 060400010603 boundaries are shown for reference. More information is provided in Appendix IV.

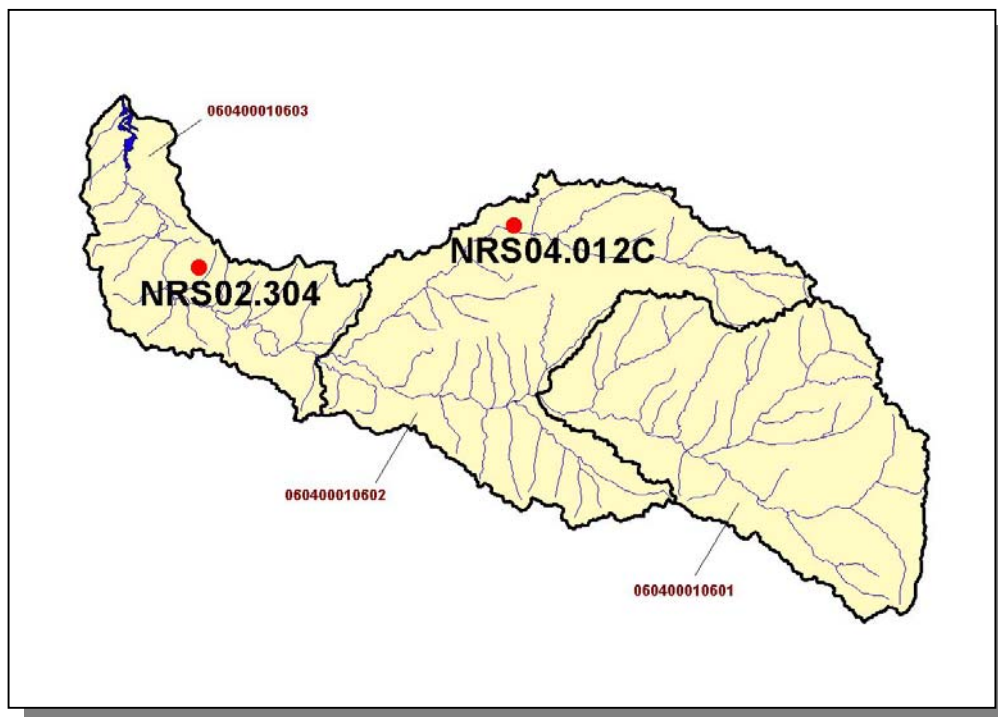


Figure 4-66. Location of ARAP Sites (Individual Permits) in Subwatershed 0604000106. Subwatershed 060400010601, 060400010602, and 060400010603 boundaries are shown for reference. More information is provided in Appendix IV.

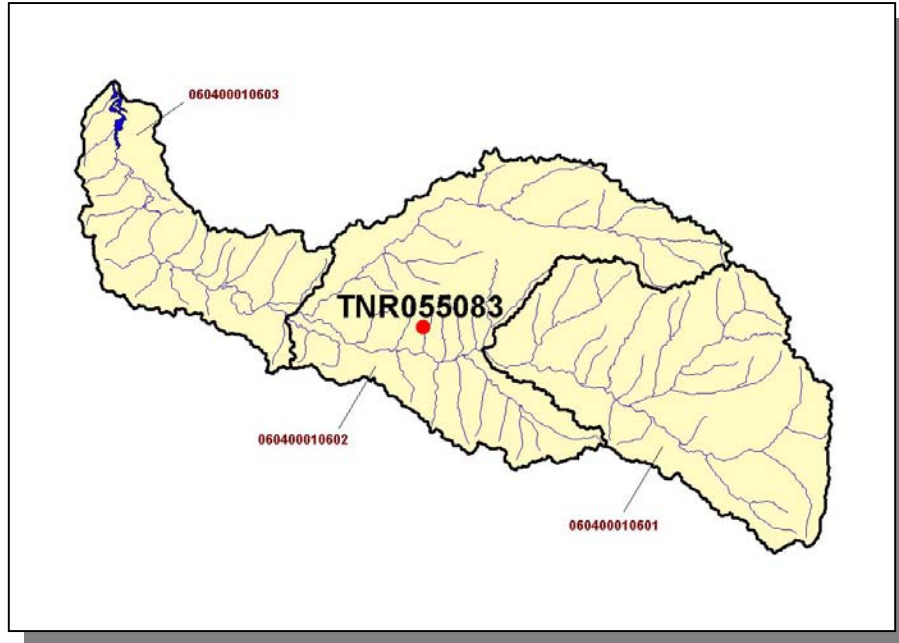


Figure 4-67. Location of TMSF Facilities in Subwatershed 0604000106. Subwatershed 060400010601, 060400010602, and 060400010603 boundaries are shown for reference. More information is provided in Appendix IV.

4.2.F.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Milk Cow	Cattle	Chickens (Layers)	Chickens (Broilers Sold)	Hogs	Sheep
1,230	<5	2,225	<5	<5	290	12

Table 4-39. Summary of Livestock Count Estimates in Subwatershed 0604000106. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Hardin	219.9	219.9	6.5	27.6
Wayne	372.6	372.6	14.1	41.1
Total	592.5	592.5	20.6	68.7

Table 4-40. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0604000106.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.20
Grass (Hayland)	0.22
Legumes, Grass (Hayland)	0.46
Grass, Forbs, Legumes (Mixed Pasture)	0.65
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	7.19
Cotton (Row Crops)	2.63
Soybeans (Row Crops)	13.10
Wheat (Close-Grown Cropland)	3.93
All Other Close-Grown Cropland	5.50
Other Cropland not Planted	9.54
Conservation Reserve Program Lands	0.35
Non-Agricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.77

Table 4-41. Annual Estimated Total Soil Loss in Subwatershed 0604000106.